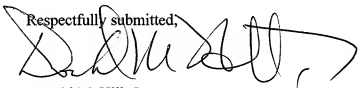


### REMARKS

Independent Claims 1 and 12 have been amended to specify that the flow rate of the product is modulated using a carrier frequency that is below 0.1 Hz. This is supported in the specification at page 32, lines 20-21. These claims have also been amended in accordance with the statements of the invention as at page 2, lines 7-16, and at page 2, line 18 to page 3, line 7. Certain of the dependent claims have been amended to comport with the amended independent claims. New Claims 35-37 have been added.

Respectfully submitted,  


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